



Spot Test Report (TC12)
according to EN301 406 v1.5.1 (2003-07)
Digital Enhanced Cordless Telecommunic (DECT)

Report No.: 60.860.9.032.01R

Client:	Shenzhen Guo Wei Electronics Co., Ltd.
Product:	DECT Phone
System Under Test (SUT):	DECT40-C07 TAM (FP)
Manufacturer	Shenzhen Guo Wei Electronics Co., Ltd.
Date test item received:	2009/04/28
Date test campaign completed	2009/04/30
Date of issue:	2009/05/04
Test results:	COMPLIED

The test report include test result of conformance log layer 1.

Total number of pages of this test report: 15 pages

The test result only corresponds to the tested sample. It is not permitted to copy this report, in part or in full, without the permission of the test laboratory.

Approved by

Deputy Telecom Manager

TÜV SÜD Hong Kong Ltd.
TÜV SÜD Group
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Remarks:

1) Measurement:
Below 1GHz (using Dipole Antenna)
ERP:SG level-cable loss

2) Measurement:
Above 1GHz(using Horn Antenna)
ERP:SG level +Antenna Gain(dBi)-cable loss-EIRP transfer to ERP factor

Following record as H,V mean that testing at Horizontal, Vertical

1.1 Client identification

Name	Shenzhen Guo Wei Electronics Co., Ltd.
Contact person	Mr. C.W. Cheung
Address	No. 68, Guowei Road, Liantang Industrial District, Shenzhen, P.R.C
Phone No.	+86 755 2573 6666
Fax No.	86 755 2573 2288

1.2 Comments for testing

Delivery date of Test Candidate: 2009.04.28
The tests were done from 2009.04.28 to 2009.04.30

Test Location:
T01

During the tests were present:
Mr. Jeff Pong from **TÜV SÜD Hong Kong Ltd.**
Mr. C.W. Cheung from **Shenzhen Guo Wei Electronics Co., Ltd.**

The test set-up and tests are according to EN301 406 V1.5.1(2003-07) and **DTAAB DT.04 V10 from 11/99** and the internal test comments of the test lab.

All radiated measurements were done in the anechoic chamber
The test site and the whole test equipment is according to standards
EN301 406 V1.5.1 (2003-07).

2. Test campaign report

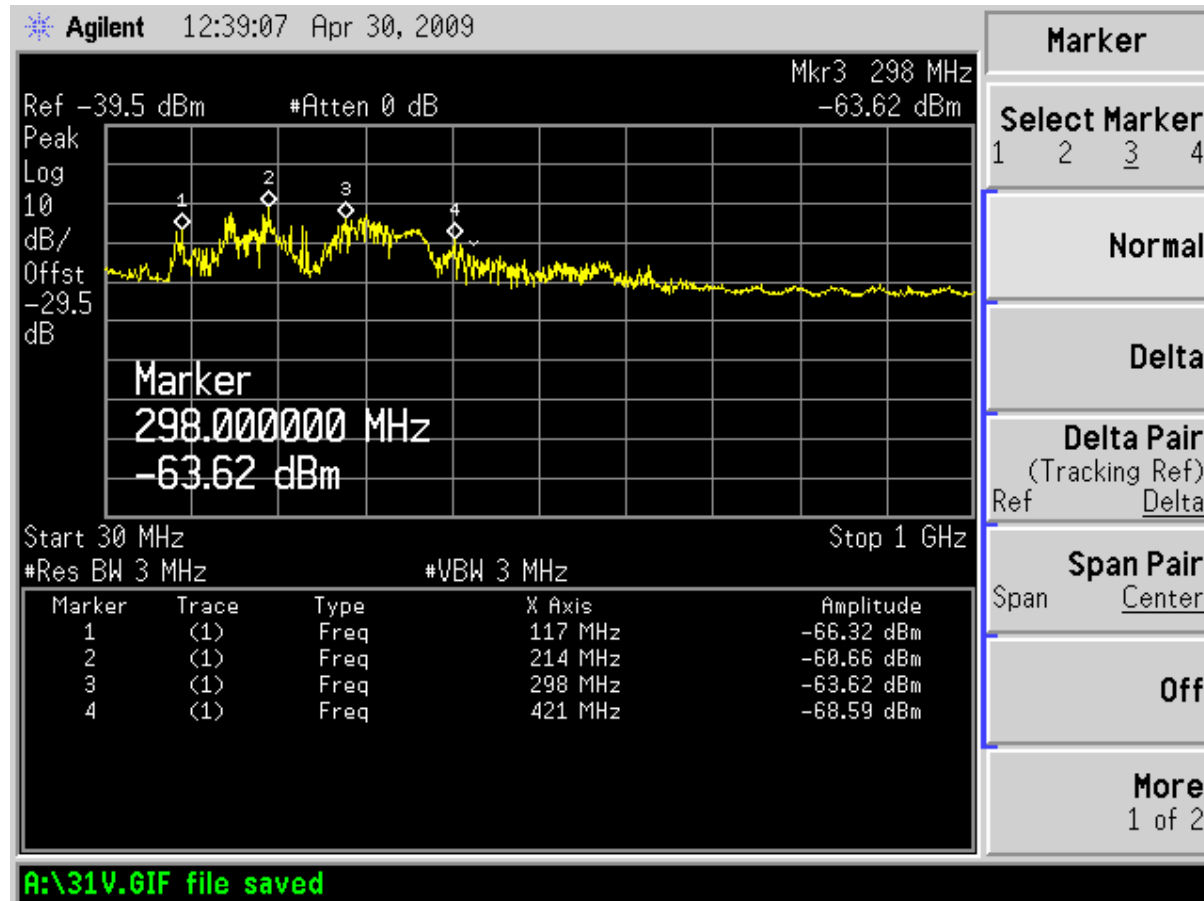
2.1 TC 12 Spurious emissions when allocated a transmit channel (4.5.6.5)

Channel 5, radiated

30 MHz – 1 GHz	aimed \leq -36 dBm	actual \leq -40.22 dBm
1 GHz – 4 GHz	aimed \leq -30 dBm	actual \leq -40.13 dBm
Peak at 3.777 GHz hor.	aimed \leq -30 dBm	actual \leq -42.19 dBm
broadcast bands according to TBR 6	aimed \leq -47 dBm	actual \leq -70.43 dBm
Measurement uncertainty	f<1GHz: + 2.89 dB / -2.98 dB f>1GHz: + 3.53 dB / -3.53 dB	

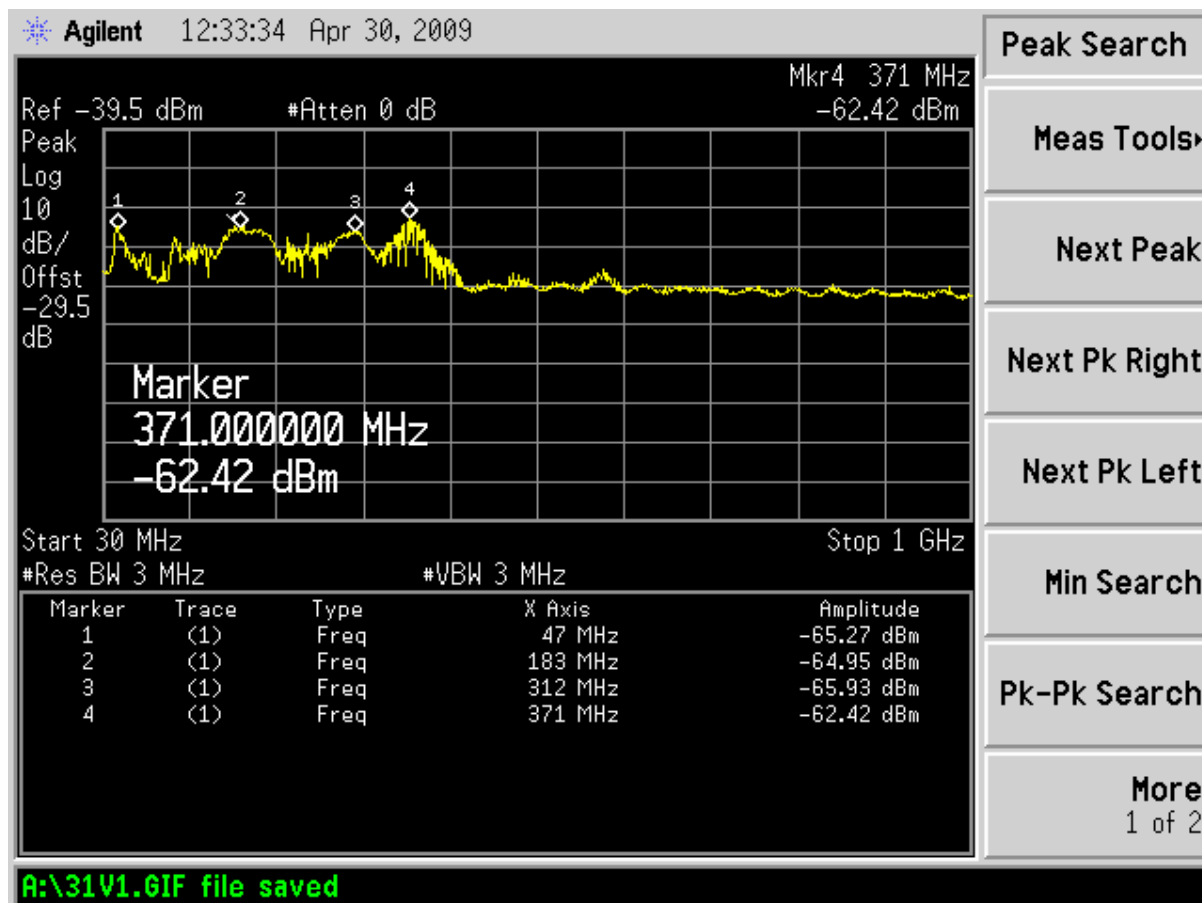
P
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Appendix1 : Plotted Data of 30MHz to 1GHz (Out of broadcast band)



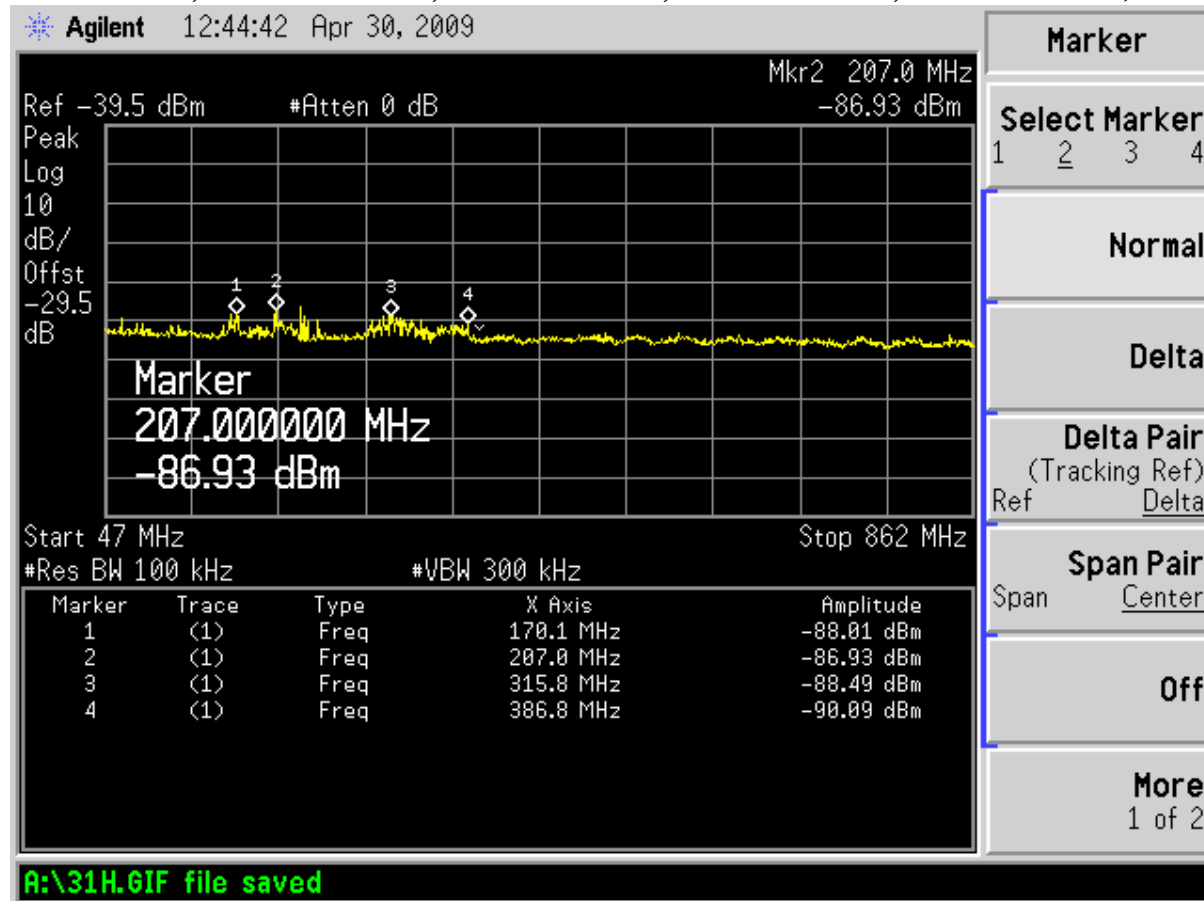
H

371 MHz at V
ERP=-40.22dBm



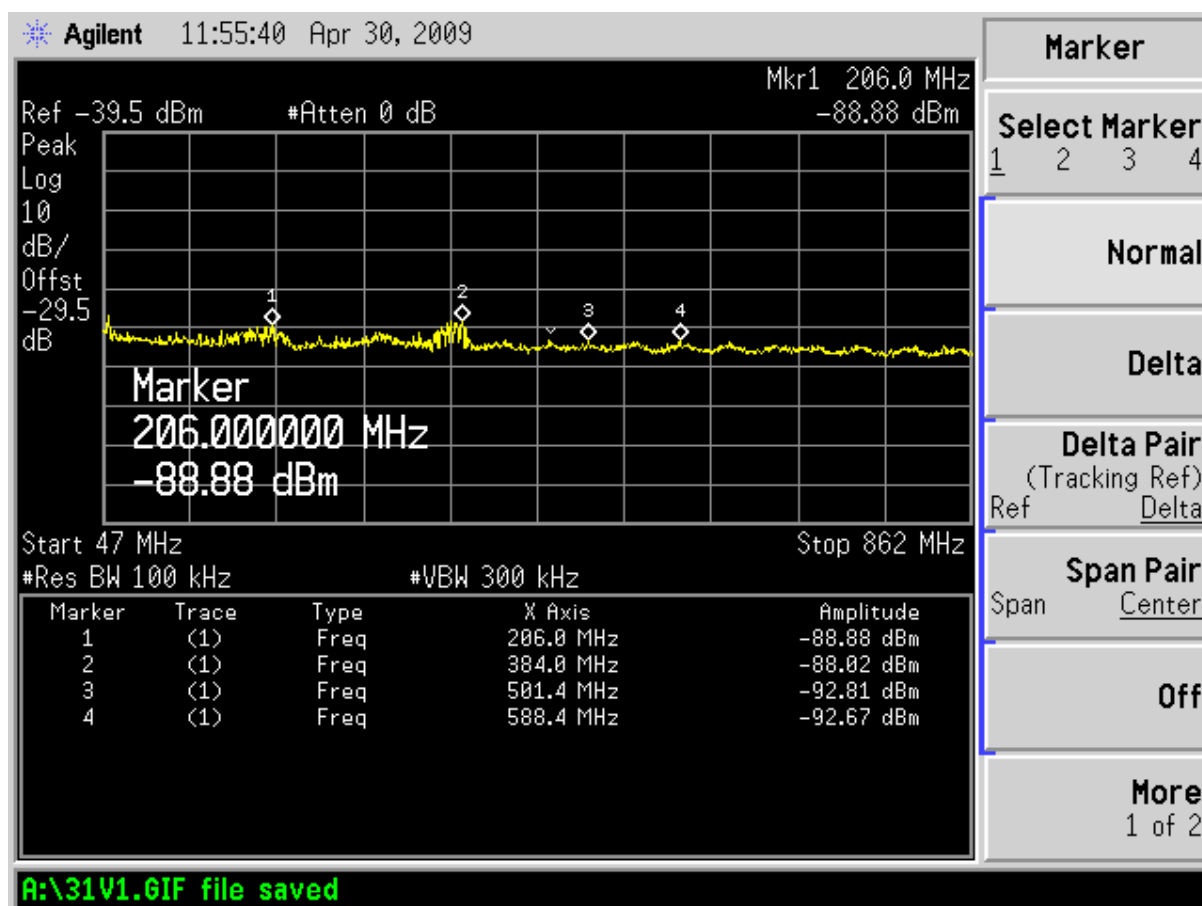
V

**Appendix2 :Plotted Data of 30MHz to 1GHz (In broadcast band,
47-74MHz,87.5-108MHz,108-118MHz,174-230MHz,470-862MHz)**



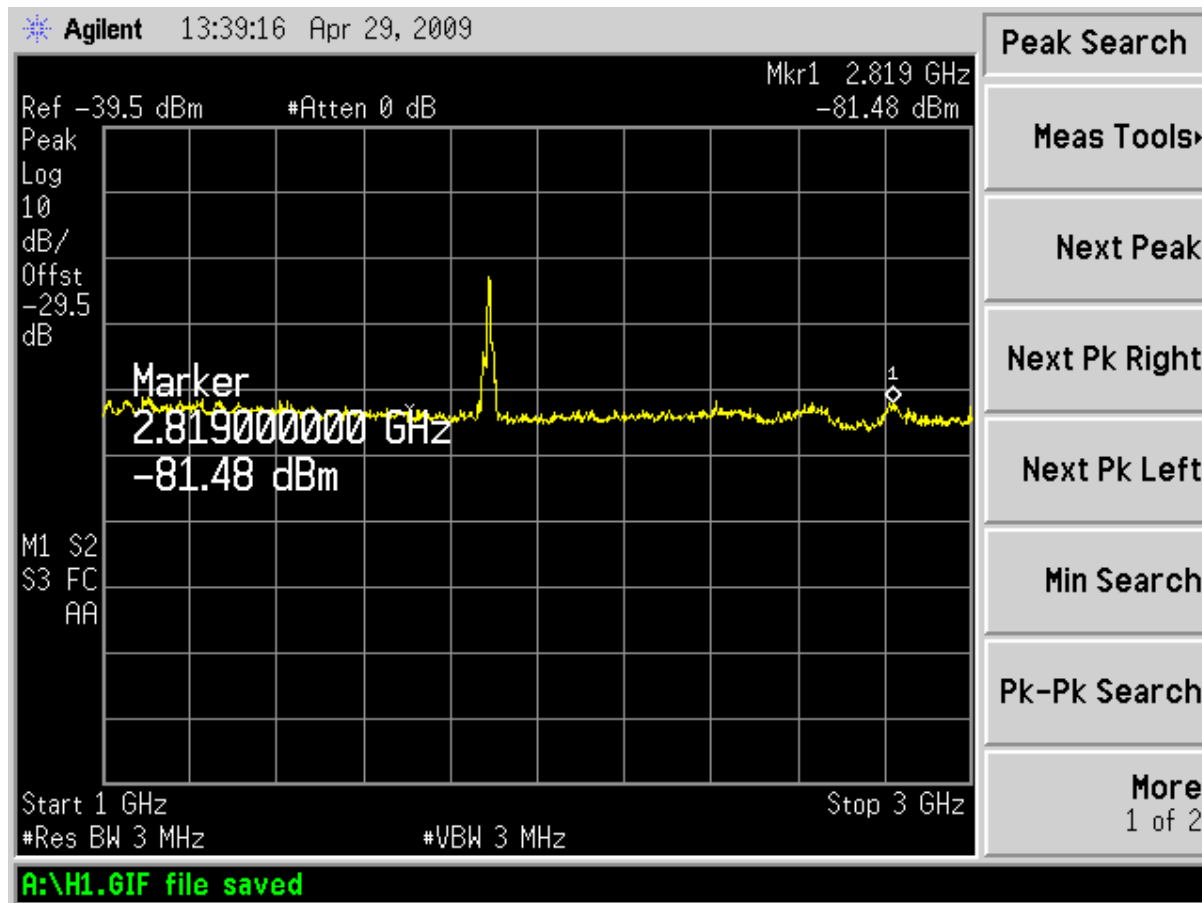
H

**588.4MHz at V
ERP=-70.43dBm**



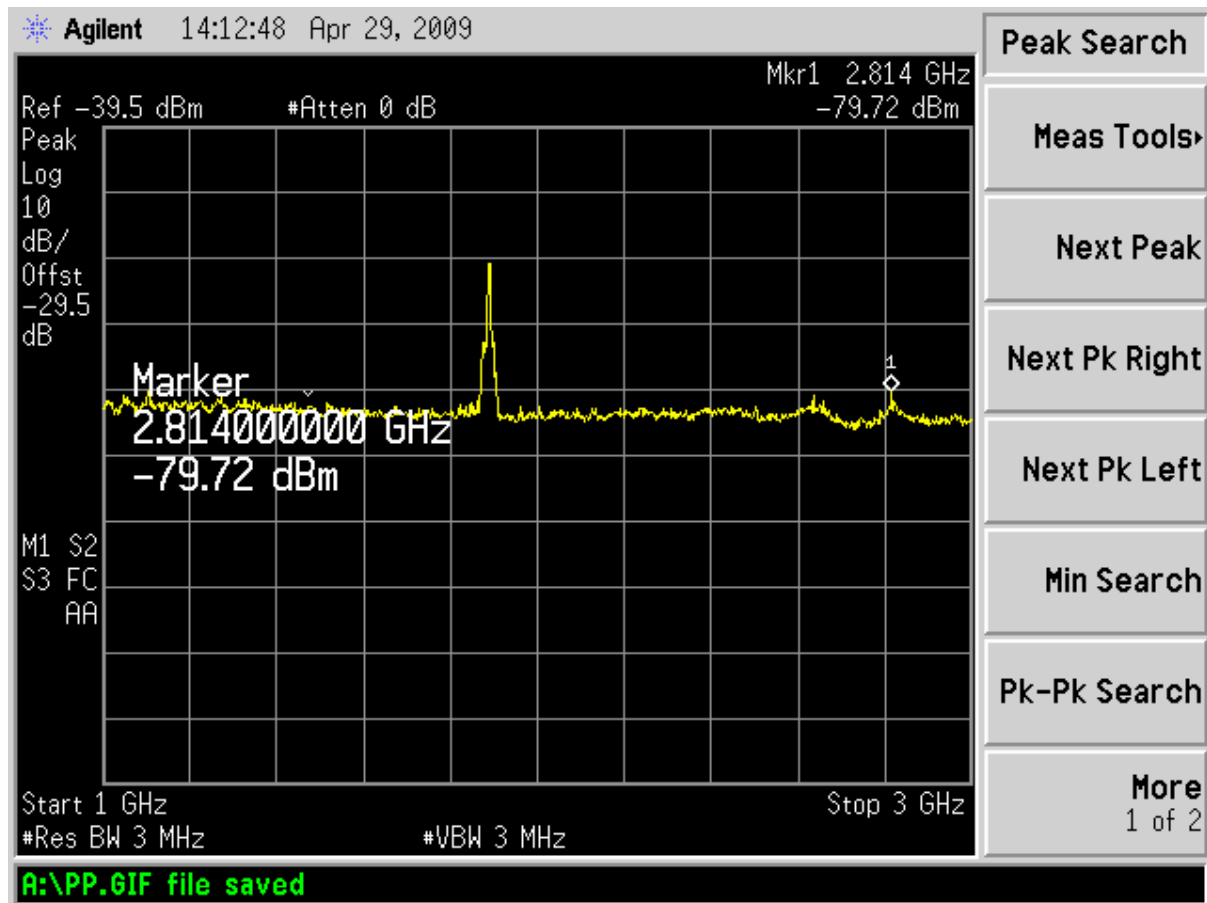
V

Appendix 3 : Plotted Data of 1GHz to 3GHz



H

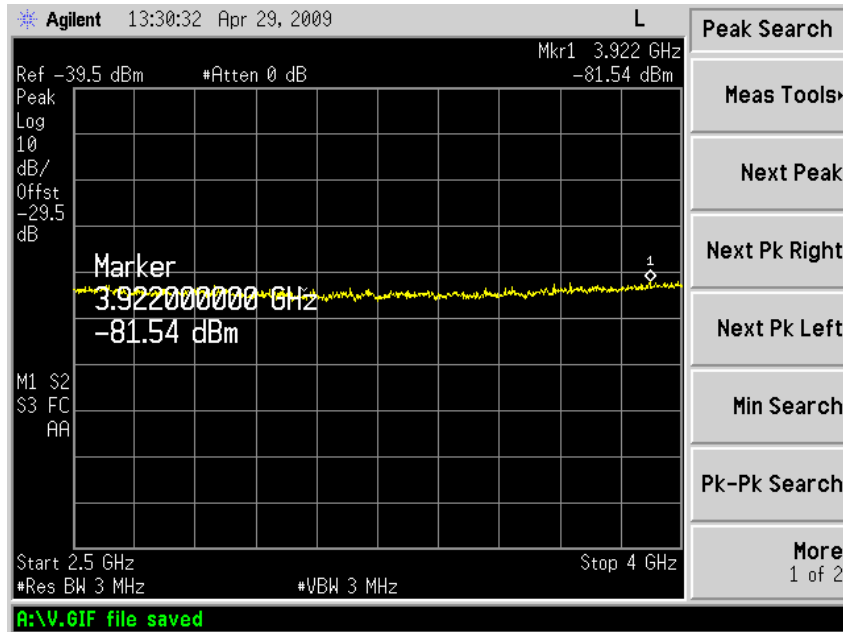
ERP=-43.46dBm



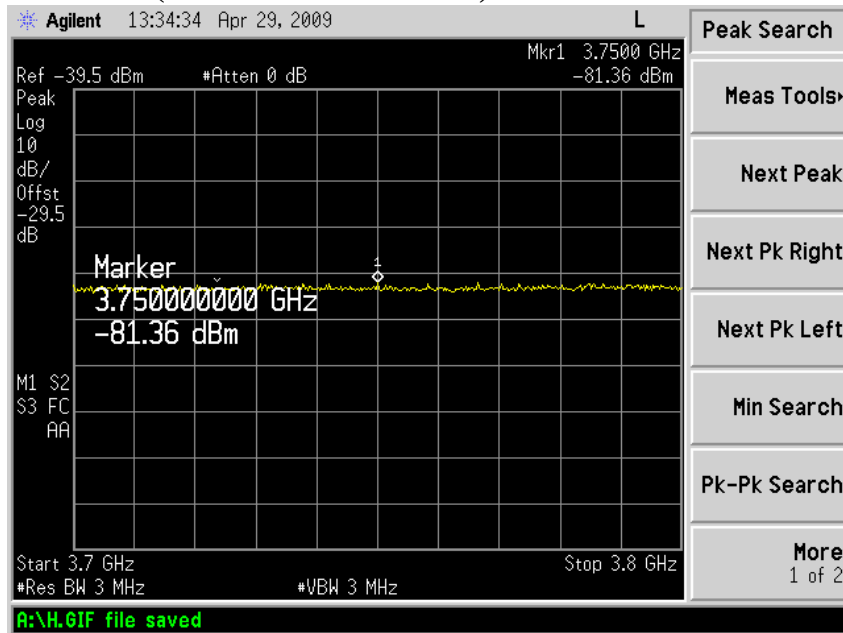
V

ERP=-40.13dBm

Appendix 4 : Plotted Data of 2.5GHz to 4GHz

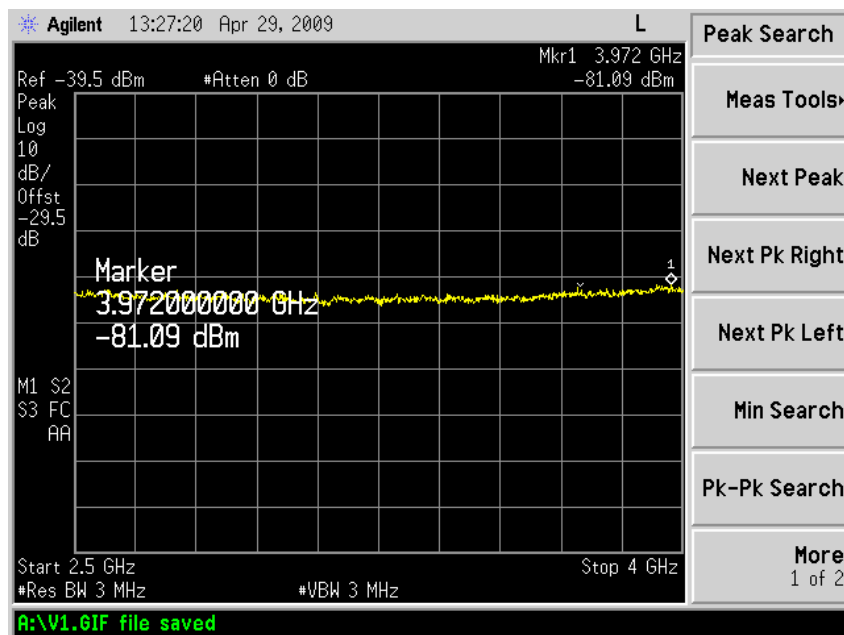


Zoom in(3.7GHz to 3.8GHz)

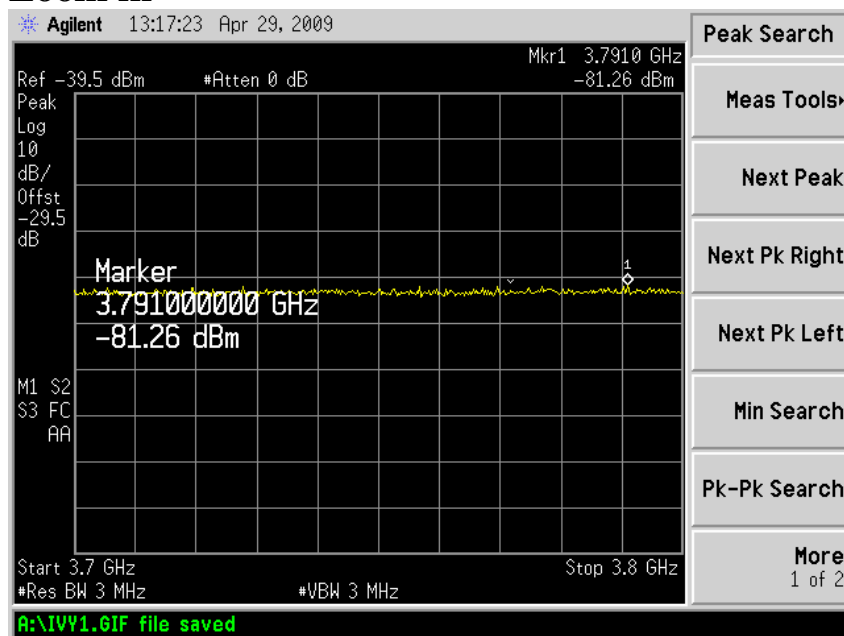


H

ERP=-42.19dBm



Zoom in



V

ERP=-42.19dBm

Appendix 5 Photo of the Test Candidate (exterior)



Photo of the Test Candidate (exterior)



Photo of the Test Candidate (interior)

